

Danida Fellowship Centre (DFC) course on Green Energy and Low-Carbon Development, UN City, Copenhagen, 2016

WEEK 1	MONDAY 05-Sep	TUESDAY 06-Sep	WEDNESDAY 07-Sep	THURSDAY 08-Sep	FRIDAY 09-Sep
Morning session (09:00 - 12:15)	Module 1: Introduction to Denmark, the UN City and the course (10.00 Start)	Module 2: the transition to low-carbon energy systems: technologies, politics and policies	Module 3: Waste to Energy	Renewable Energy Study Tour (full day)	Module 4: Green Energy: technologies & business cases
	Convener: James Haselip	Convener: James Haselip	Convener: Birgit Holmboe	Convener: Rasa Narkeviciute	Convener: Ivan Nygaard
	Short films on social life in Denmark, practicalities regarding access to a doctor and the DFC social program	A brief history of Denmark's transition to a lower-carbon economy. James Haselip	Introduction to waste to energy: technology and policy	Middelgrunden windpark, Copenhagen	Summary / reflections on excursion (1hr)
		"Yes we can" – Danish energy history in the making – From coal and oil to renewables			Solar PV and SWH technology
Welcome Lunch (UN City canteen)					
Afternoon session (13:00 - 16:15)	Tour of UN City Building followed by personal introductions	Introduction to individual Action Plans: purpose, outputs and activity plan (0.5 hrs). James Haselip, UDP	Introduction to waste to energy: technology and policy	Amager Resource Centre (ARC) waste-to-energy plant in Copenhagen (14:00-15:30).	Solar water heating and solar panels: business cases (1 hr). Ivan Nygaard
	Introduction to the course content, learning approach and IT facilities	Introduction to individual action plans (2.5 hrs). Gordon, Ivan, Ulrich and James			Exercises on biomass sources and energy potentials (1 hr). Ivan Nygaard
WEEK 2	MONDAY 12-Sep	TUESDAY 13-Sep	WEDNESDAY 14-Sep	THURSDAY 15-Sep	FRIDAY 16-Sep
Morning session (09:00 - 12:15)	Module 5: Low Carbon Development	Module 6: Business Opportunities	Module 7: Financing Mechanisms	Module 7: Financing Mechanisms	Module 8: Presentations, Evaluation & Certificate Ceremony
	Convener: Jørgen Fenhann	Convener: Søren Lybecker	Convener: Thomas Thorsch	Convener: Thomas Thorsch	Convener: James Haselip
	The Paris Agreement and the Emissions GAP Report	Introduction to business design and the nine building blocks of the business model canvas (3 hrs). Søren Lybecker, DTU Executive School of Business	Introduction to energy and climate finance (1 hr) Thomas	Capital investment in the clean energy sector: case analysis (2 hrs). Thomas	Presentations of Action Plans (3 hrs)
	CDM projects and NAMA action cycles		Tools and products – green bonds, Green Climate Fund, yieldcos etc (2 hrs)	Financial risk (1 hr). Milan + Thomas	
Lunch					
Afternoon session (13:00 - 16:15)	The GACMO INDC Model	Business model environment (3 hrs). Søren Lybecker	Financing Renewable Energy Projects	Emerging issues (1 hr) Milan + Thomas. Followed by Q&A (30mins)	Evaluation (1 hr). James and Gordon
	Sparring/individual work on action plans (2 hrs). Ivan, Ulrich, Gordon, James	Visit to DFC offices for a debate - 17.00 - 20.00	Guest speaker Karl-Heinz Schulz (Renewables Financing Expert)	Work on action plans (2 hrs)	Certificate ceremony and farewell reception (2 hrs)